



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION IV  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TEXAS 76011-8064

APR 24 2002

Otto L. Maynard, President and  
Chief Executive Officer  
Wolf Creek Nuclear Operating Corporation  
P.O. Box 411  
Burlington, Kansas 66839

SUBJECT: ANNUAL PERFORMANCE ASSESSMENT MEETING FOR WOLF CREEK  
GENERATING STATION

Dear Mr. Maynard:

This refers to the meeting conducted in Burlington, Kansas, on April 18, 2002, to discuss the safety performance at Wolf Creek Generating Station between April 1 and December 31, 2001.

Topics discussed during the meeting included the Reactor Oversight Process, the safety performance at Wolf Creek Generating Station, and other topics that may have been of interest to the local area residents. Members of the public present at the meeting were allowed to ask questions and comment on the proceedings.

In accordance with Section 2.790 of the NRC's "Rules of Practice," Part 2, Title 10, Code of Federal Regulations, a copy of this letter will be placed in the NRC's Public Document Room.

Should you have any questions concerning this matter, we will be pleased to discuss them with you.

Sincerely,

A handwritten signature in black ink, appearing to read "David N. Graves".

David N. Graves, Chief  
Project Branch B  
Division of Reactor Projects

Docket: 50-482  
License: NPF-42

Enclosures:

1. Attendance List
2. Presentation Slides

cc:

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Wolf Creek Nuclear Operating Corp.  
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Coffey County Commissioner  
Coffey County Courthouse  
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Rebecca Jewett  
Coffey County Emergency  
Preparedness Coordinator  
Coffey County Courthouse  
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The Honorable Ron Stump  
Mayor, City of Burlington  
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Burlington, Kansas 66839

The Honorable Bill Freeman  
Mayor, City of LeRoy  
406 2nd Street  
LeRoy, Kansas 66857

The Honorable Robert Harkrader  
Mayor, City of New Strawn  
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The Honorable Leon Sutton  
Mayor, City of Waverly  
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State Emergency Management  
State Emergency Management Agency  
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Randy Rogers, Sheriff  
Coffey County Sheriff's Dept.  
110 South 6th Street  
Burlington, Kansas 66839

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Mayor, City of Gridley  
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The Honorable Ed Fisher  
Mayor, City of Lebo  
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Robby Atkins, Sheriff  
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P.O. Box 433  
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Electronic distribution by RIV:  
 Regional Administrator (**EWM**)  
 DRP Director (**KEB**)  
 DRS Director (**ATH**)  
 Senior Resident Inspector (**FLB2**)  
 SRI, Callaway (**JDH1**)  
 Branch Chief, DRP/B (**DNG**)  
 Senior Project Engineer, DRP/B (**RAK1**)  
 Staff Chief, DRP/TSS (**PHH**)  
 RITS Coordinator (**NBH**)

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© DRP/B				
DNGraves;df				
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4/24/02				

OFFICIAL RECORD COPY

T=Telephone

E=E-mail

F=Fax

## END-OF-CYCLE MEETING ATTENDANCE

<b>LICENSEE/FACILITY</b>	Wolf Creek Nuclear Operating Company / Wolf Creek Nuclear Station
<b>DATE/TIME</b>	April 18, 2002; 7:00 p.m.
<b>LOCATION</b>	Coffey County Courthouse
<b>NAME (PLEASE PRINT)</b>	<b>ORGANIZATION</b>
David Graves	NRC
Francis Brush	NRC
JEFFREY CRUZ	NRC
Jeannene Ryan	WCNOC
Jennifer Yunk	WCNOC
Russell Moon	WCNOC
Susan Maycock	WCNOC
Chuck Sibley	WCNOC
BRITT McKINNEY	WCNOC
LARRY CROFTS	county commissioner
TONY HARRIS	WCNOC
Otto Maynard	WCNOC
Ralph Ewy	Burlington, City

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<b>LOCATION</b>	Coffey County Courthouse
<b>NAME (PLEASE PRINT)</b>	<b>ORGANIZATION</b>
Shirley Allen	NRC
REBECCA J. JEWETT	COFFEY COUNTY EMERG. PREP.
MICHAEL L. RONEY	COFFEY COUNTY EMERG. PREP.
Sylvia Bauer	Coffey County Emergency Preparedness
Carol Bellinger	Wolf Creek Licensing; member of the public.
FRANK MOUSSA	KANSAS - KDEM.
Tara Glades	Citizen
Sharon Schurle	Citizen & Coffey County Technology Office (GIS)
David J. Whitfill	KDHE
Shane Ferguson	WCNOC

# **ANNUAL ASSESSMENT MEETING**



**Nuclear Regulatory Commission  
Region IV**

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## **NRC Meeting Guidelines**

- **Meeting with Licensee and Public**
- **Inform Public of Plant Performance**



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## **NRC Meeting Guidelines**

- **Registration Table**
- **Questions and Answers**
- **Handouts**
- **Feedback Forms**



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## Meeting Agenda

- **REGULATORY OVERSIGHT**
- **FINDINGS AND ASSESSMENTS**
- **ADDITIONAL FOCUS AREAS**
- **QUESTIONS AND ANSWERS**



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## NRC Performance Goals

- **Maintain public safety and protect the environment**
- **Enhance public confidence**
- **Improve:**
  - Effectiveness
  - Efficiency
  - Realism of processes and decision making
- **Reduce unnecessary regulatory burden**



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## NRC Oversight Activities

- **Provide assurance plants are:**
  - Operating safely
  - Complying with regulations
- **Based on a logical and sound framework**
- **Inspections focused on key safety areas**
- **Objective indicators of performance**
- **Assessment program triggers regulatory actions**



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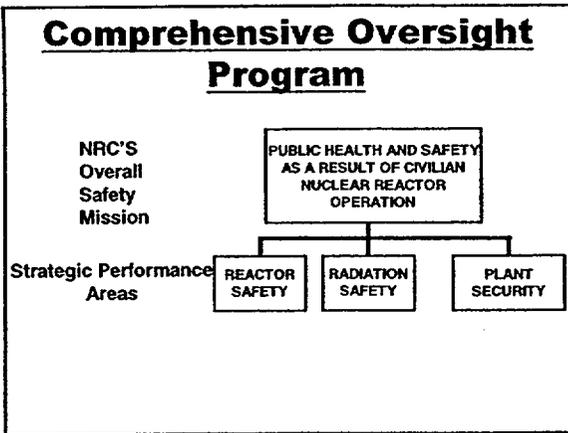
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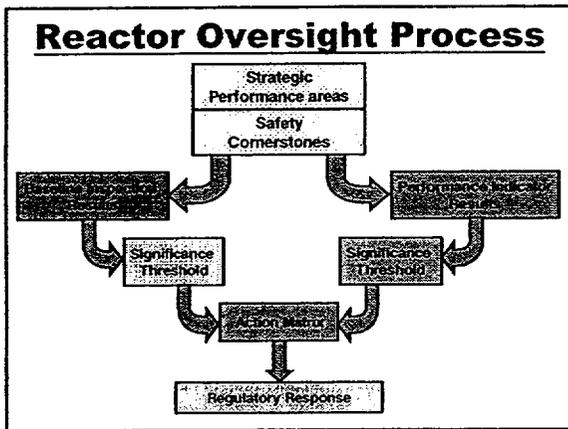
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### Reactor Oversight Process

**SAFETY SIGNIFICANCE**

<b>GREEN</b>	- very low
<b>WHITE</b>	- low to moderate
<b>YELLOW</b>	- substantial
<b>BLACK</b>	- high

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## **Baseline Inspection Program**

- **Gathers objective evidence of plant safety**
- **Conducted at all plants**
- **Focuses on safety-significant:**
  - systems
  - components
  - activities
  - events



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## **Resident Inspectors**

- **Stationed at the plant**
- **Over 900 hours of oversight**
- **Prompt response capability**



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## **Regional Inspectors**

- **Over 2200 hours of oversight**
- **Specialized**
- **Inspection teams**



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## Event Follow-up and Supplemental Inspections

- Review events for significance
- Follow-up significant inspection findings
- Determine causes of performance declines
- Provide for graduated response




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## Inspection Program

- Inspection reports describe more than minor findings and non-compliance
- Inspection reports are publicly accessible

[www.NRC.gov/reading-rm/adams.html](http://www.NRC.gov/reading-rm/adams.html)




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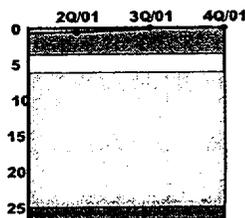
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## Performance Indicators

**Unplanned Scrams per 7000 critical hours**



**Thresholds:**  
 White >3.0,  
 Yellow >6.0,  
 Red >25.0

Unplanned scrams per 7000 critical hours	2Q/01	3Q/01	4Q/01
Actual scrams	0	0	0
Critical hours	2183.0	2208.0	2209.0
Indicator value	0.9	0	0

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## **Performance Indicators**

- Performance indicator results and other assessment information available on the NRC's public web site:

[www.NRC.gov/NRR/OVERSIGHT/ASSESS/WC/wc\\_chart.html](http://www.NRC.gov/NRR/OVERSIGHT/ASSESS/WC/wc_chart.html)



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## **Key Aspects of the Assessment Program**

- Objective review of licensee performance
- "Action Matrix" to determine agency response in three areas:
  - Inspection
  - Management Involvement
  - Regulatory Actions
- Plant specific assessment letters
- Information on NRC public web site



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## **Plant Performance Summary**



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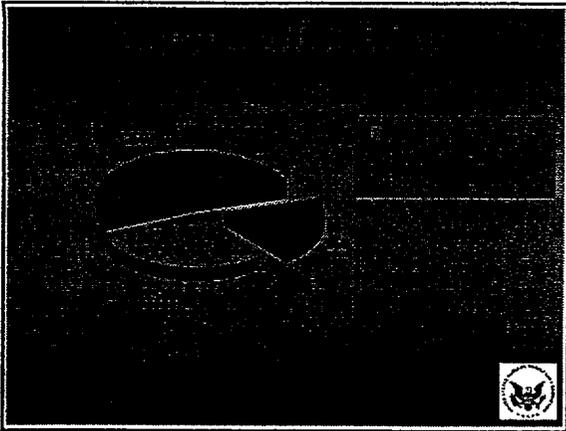
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**Inspection Results**

**NRC and Licensee identified inspection findings were of very low safety significance**

**No special or supplemental inspections necessary**



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**Performance Indicator Results**

**All performance indicators within the Licensee Control Band**



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## **Assessment Conclusion**

### **Licensee effectively managed:**

- Reactor safety
- Radiation safety
- Plant security

**Wolf Creek Station operated in a manner that protected the health and safety of the public**



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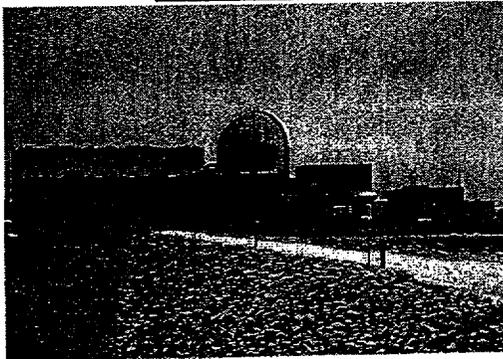
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## **Wolf Creek**



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## **Additional Focus Areas**

- NRC Responds as needed
- Mandated Licensee Actions
- Implemented Emergency Preparedness



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**Bulletin 2001-01**

- **Small leaks were discovered**
- **Mandated Licensee Actions**
- **Identified larger problem**



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**Reaction to September 11**

- **Activated Facilities**
- **Issued Advisories**
- **Verified Implementation**



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**Reaction to September 11**

- **Coordinated with other agencies**
- **Updated advisories as terrorist threat changed**
- **Verified implementation**



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## **Reaction to September 11**

- **Ordered increase in minimum security requirements**
- **Reviewing security regulations considering our changed environment**



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## **Conclusions**

- **Assured Public Safety**
- **Flexible/Predictable Response**
- **Risk-informed Programs**



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## **Contacting the NRC**

- **Report an Emergency:**  
**(301) 816-5100 (collect)**
- **Report a Safety Concern:**  
**(800) 695-7403 or [Allegation@nrc.gov](mailto:Allegation@nrc.gov)**
- **General Information or questions:**  
**[www.nrc.gov](http://www.nrc.gov)**

**Select "What we do" for Public Affairs**

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